



01/24/00

01-27-00

A Box SQ

Doc No. 61130/JPW/KRD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box: Patent Application  
S I R:

January 24, 2000

U.S. PTO  
09/490700  
01/24/00

Transmitted herewith for filing are the specification and claims of the patent application of:

Bernard Conrad and Bernard Mach  
Inventor(s) METHODS FOR DIAGNOSIS AND THERAPY OF AUTOIMMUNE DISEASE, SUCH AS INSULIN  
DEPENDENT DIABETES MELLITUS, INVOLVING RETROVIRAL SUPERANTIGENS

Title of Invention

Also enclosed are:

- ☒ 34 sheet(s) of ☐ informal ☒ formal drawings.
- ☒ Oath or declaration of Applicant(s). (unsigned)
- ☒ A power of attorney (unsigned)
- ☐ An assignment of the invention to \_\_\_\_\_
- ☒ A Preliminary Amendment
- ☐ A verified statement to establish small entity status under 37 C.F.R. §1.9 and §1.27.

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT


|   | NUMBER<br>FILED |   | NUMBER<br>EXTRA* |   | RATE            |                 | FEE             |                 |
|---|-----------------|---|------------------|---|-----------------|-----------------|-----------------|-----------------|
|   |                 |   |                  |   | SMALL<br>ENTITY | OTHER<br>ENTITY | SMALL<br>ENTITY | OTHER<br>ENTITY |
| Total Claims  | 61 -20          | = | 41               | X | \$9.00          | \$18.00         | \$ 369.00       | \$              |
| Independent<br>Claims   | 11 -3           | = | 8                | X | \$39.00         | \$78.00         | \$ 312.00       | \$              |
| Multiple Dependent<br>Claims Presented: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                 |   |                  |   | \$130.00        | \$260.00        | \$ 0            | \$              |
| *If the different in Col. 1 is<br>less than zero, enter "0" in<br>Col. 2                                    |                 |   |                  |   | BASIC FEE       |                 | \$ 345.00       | \$690.00        |
|   |                 |   |                  |   | TOTAL FEE       |                 | \$ 1026.00      | \$              |

Filed: Herewith

Letter of Transmittal  
Page 2

- ☒ A check in the amount of \$ 1026.00 to cover the filing fee.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any over-payment to Account No. 03-3125:
- ☒ Filing fees under 37 C.F.R. §1.16.
- ☒ Patent application processing fees under 37 C.F.R. §1.17.
- ☐ The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
- ☒ Three copies of this sheet are enclosed.
- ☐ A certified copy of previously filed foreign application No. \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_.
- Applicant(s) hereby claim priority based upon this aforementioned foreign application under 35 U.S.C. §119.
- ☒ Other (identify) a computer diskette containing Sequence Listing, a Statement in Accordance with 37 C.F.R. §1.821 (f), an Express Mail Certificate of Mailing bearing label No. EL278888730US dated January 24, 2000 and one loose set of drawings 1A-9 (34 sheets)

Respectfully submitted,

  
John P. White  
Registration No. 28,678  
Attorney for Applicants  
Cooper & Dunham LLP  
1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Bernard Conrad and Bernard Mach  
U.S. Serial No. : Not Yet Known (Continuation Application  
of PCT/EP98/04926, filed 22 July 1998)  
Filed : Herewith  
For : METHODS FOR DIAGNOSIS AND THERAPY OF  
AUTOIMMUNE DISEASE, SUCH AS INSULIN  
DEPENDENT DIABETES MELLITUS, INVOLVING  
RETROVIRAL SUPERANTIGENS

1185 Avenue Of The Americas  
New York, New York 10036  
January 24, 2000

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box: Patent Application

**EXPRESS MAIL CERTIFICATE OF MAILING**  
**FOR ABOVE-IDENTIFIED APPLICATION**

"Express Mail" mailing label number: EL278888730US Date of  
Deposit: January 24, 2000 I hereby  
certify that this paper or fee is being deposited with the United  
States Postal Service "Express Mail Post Office to Addressee"  
service under 37 C.F.R. §1.10 on the date indicated above and is  
addressed to the Assistant Commissioner for Patents and  
Trademarks, Washington, D.C. 20231.

Printed Name: John P. White

Respectfully submitted,

John P. White  
Reg. No. 28,678  
Attorney for Applicants  
Cooper & Dunham LLP  
1185 Ave of the Americas  
New York, New York 10036  
(212) 278-0400